PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 12539PC2-MLE/AKB	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.		
International application No. PCT/AU2004/001248	International filing date (day/mont) 15 September 2004	(Earliest) Priority Date (day/month/year) 15 September 2003		
Applicant GRIFFITH UNIVERSITY et	al			
This international search report has been pre Article 18. A copy is being transmitted to the		Authority and is transmitted to the applicant according to		
This international search report consists of a	total of 4 sheets.			
It is also accompanied by a co	py of each prior art document cited in	this report.		
1. Basis of the report				
With regard to the language, the interior it was filed, unless otherwise indicates.		e basis of the international application in the language in which		
The international sea Authority (Rule 23.1		anslation of the international application furnished to this		
		d in the international application, see Box No. I.		
2. X Certain claims were found u	nsearchable (See Box No. II).			
3. Unity of invention is lacking	(See Box No. III).	·		
4. With regard to the title,				
X the text is approved as submitted by the applicant.				
	y this Authority to read as follows:			
,				
·				
5. With regard to the abstract,				
X the text is approved as submitt	ed by the applicant.			
the text has been established, a one month from the date of ma	according to Rule 38.2(b), by this Authiling of this international search repor	ority as it appears in Box No. IV. The applicant may, within t, submit comments to this Authority.		
6. With regard to the drawings ,				
_		-		
	lished with the abstract is Figure No.			
as suggested by the a	pplicant.	, i		
as selected by this Au	thority, because the applicant failed to	o suggest a figure.		
as selected by this Au	uthority, because this figure better char	acterizes the invention.		
b. X none of the figures is to be put	olished with the abstract.			

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001248

Box No. II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)			
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:				
1.	Claims Nos.:			
	because they relate to subject matter not required to be searched by this Authority, namely:			
2. X	Claims Nos.: 14-20 partially			
	because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:			
	These claims are directed to "kits for identifying a predisposition to migraine for use in the" applicant's method. The phrase "for use" does not limit the kit to being used in the applicant's method. In some jurisdictions these claims are merely directed to primers used to amplify a female steroid sex hormone. However the international search has been carried out as if the kit were limited to being used in the applicant's method ie the phrase "for use" being substituted by the phrase "when used" for searching purposes. Consequently the full scope of these claims have not been searched.			
3.	Claims Nos.:			
	because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)			
Box No. II	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)			
This Interna	ational Searching Authority found multiple inventions in this international application, as follows:			
1.	As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.			
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.			
3.	As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:			
4.	No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:			
Remark on	Protest The additional search fees were accompanied by the applicant's protest.			
	No protest accompanied the payment of additional search fees.			

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001248

A.	CLASSIFICATION OF SUBJECT MATTER				
Int. Cl. 7: C12Q 1/68 C12N 15/11 C12N 15/12					
According to	International Patent Classification (IPC) or to both	national classification and IPC			
В.	FIELDS SEARCHED				
SEE ELECT	mentation searched (classification system followed by cl RONIC DATABASES				
	searched other than minimum documentation to the external RONIC DATABASES	ent that such documents are included in the fields search	ned .		
Electronic data Medline, Cal Progins, PgR	base consulted during the international search (name of Plus, Biosis, WPIDS (migrane, migrain, migra, receptor)	data base and, where practicable, search terms used) ine, hormone, estrogen, oestrogen, ESR1, pro	ogesterone,		
C.	DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where app	ropriate, of the relevant passages	Relevant to claim No.		
х	Donaldson, C.J. et al. 2002. PROGINS Alu Mutation Research. 501:137-141. See whole document especially p138.	insertion and human genomic diversity.	14, 17		
	Curran, J.E. et al. 2001. Association of estrogene polymorphisms with sporadic breast ca 95:271-275.		·		
X	See whole document especially Abstract and	l p.272.	14-16		
	Peroutka, S.J. 2002. Sympathetic look at ger 381.	netic basis of migraine. Headache. 42:378-	1-22		
A .	See whole document.		1-22		
X F	urther documents are listed in the continuation	n of Box C See patent family anne	ex		
"A" documen	* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention				
	plication or patent but published on or after the "X" do onal filing date or	ocument of particular relevance; the claimed invention cannot cannot be considered to involve an inventive step when the done	be considered novel ocument is taken		
or which	t which may throw doubts on priority claim(s) "Y" do is cited to establish the publication date of in	ocument of particular relevance; the claimed invention cannot volve an inventive step when the document is combined with a ch documents, such combination being obvious to a person sk	one or more other		
	t referring to an oral disclosure, use, exhibition	ocument member of the same patent family			
"P" documen	t published prior to the international filing date				
	al completion of the international search	Date of mailing of the international search report	•		
	21 October 2004 28 OCT 2004				
	ng address of the ISA/AU	Authorized officer			
AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address; pet@inoustralia gay av					
E-mail address: pct@ipaustralia.gov.au Facsimile No. (02) 6285 3929 Telephone No : (02) 6283 2569					

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001248

	PC1/AU2004/	/UU1248		
C (Continuation), DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A	Gardner, K. 1999. The genetic basis of migraine: How much do we know? Canadian Journal of Neurological Sciences. 26(Suppl. 3):S37-S43. See whole document.	1-22		
A	MacGregor, E.A. 1997. Menstruation, sex hormones, and migraine. Neurologic Clinics. 15(1):125-141. See whole document.	1-22		
A	Terwindt, G.M. et al. 1997. The quest for migraine genes. Current Opinion in	1-22		
Α	Neurology. 10:221-225. See whole document.	1-22		
	Colson, N.J. et al. 7 May 2004. The estrogen receptor 1 G594A polymorphism is associated with migraine susceptibility in two independent case/control groups. Neurogenetics. 5:129-133.			
T	See whole document.	1-22		
	·			
		l		